

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-11. (Cancelled).

12. (Currently Amended) An electronic device configured to be used with an access device and a server device having operation information, comprising:

an address providing part which provides and registers electronic device access information to the server device at an arbitrary timing so that the electronic device access information stored in an access information management part of the server is updated to the latest;

an operation information storage part which stores operation information that is information to configure operation of one of the electronic device and another electronic device;

an operation information transmission part which transmits the operation information at a request of the access device, the access device having a server identifier of the server device stored in advance and requesting ~~a locator~~ the electronic device access information of the electronic device from the server device identified by using the server identifier, the server device, responsive to the access device being permitted to access the electronic device, transmitting the ~~locator~~ electronic device access information of the electronic device such that the operation information is transmitted after the access device receives the ~~locator~~ electronic device access information of the electronic device from the server device by the electronic device access device to the ~~electronic device access device~~ while bypassing the server device;

a device operation information reception part which accepts device operation information from the access device; and

a device drive part which operates based on the device operation information that the device operation information reception part has accepted,

wherein the electronic device access information of the electronic device includes a dynamically changing global Internet protocol (IP) address.

13. (Previously Presented) The electronic device as recited in claim 12, further comprising:

a device operation information setting part which stores the device operation information accepted by the device operation information reception part,

wherein the device drive part operates based on the device operation information stored by the device operation information setting part.

14. (Currently Amended) An information processing method to be used in an electronic device configured to be used with an access device and a server device, comprising:

an address providing step of providing and registering electronic device access information to the server device at an arbitrary timing so that the electronic device access information stored in an access information management part of the server is updated to the latest;

an operation information transmission step of transmitting operation information that is information to configure operation of one of the electronic device and another electronic device, at a request;

a server identification storing step of storing a server identifier of the server device, in the access device;

a locator requesting step of requesting ~~a locator~~ the electronic device access information of the electronic device from the server device identified by using the server identifier stored in the access device in advance, the locator requesting step including

~~verify~~ verifying that the access device is permitted to access the electronic device, transmitting, by the server device the ~~locator~~ electronic device access information of the electronic device after the access device is verified to have access to the electronic device such that the operation information is transmitted after the access device receives the locator of the electronic device from the server by the electronic device access device to the electronic device access device while bypassing the server device;

a device operation information reception step of accepting device operation information from the access device; and

a device drive step of operating based on the device operation information accepted at the device operation information reception step,

wherein the electronic device access information of the electronic device includes a dynamically changing global Internet protocol (IP) address.

15. (Previously Presented) The information processing method as recited in claim 14, further comprising:

a device operation information setting step of storing the device operation information accepted at the device operation information reception step,

wherein an operation is carried out based on the device operation information stored at the device operation information setting step, at the device drive step.

16. (Currently Amended) The electronic device as recited in claim 12, wherein:

the operation information storage part includes an operation screen information storage part which stores operation screen information to configure a screen for operating one of the electronic device and another electronic device;

the operation information transmission part includes the operation screen information transmission part which transmits the operation screen information at the request of the access device, the operation screen information is transmitted

after the access device receives the ~~locator~~ electronic device access information of the electronic device from the server device;

the device operation information reception part includes a device operation screen information reception part which accepts device operation screen information; and

the device drive part operates based on the device operation information that the device operation screen information reception part has accepted.

17. (Previously Presented) The information processing method as recited in claim 14, wherein the operation information transmission step includes transmitting operation screen information that is information to configure a screen for operating one of the electronic device and another electronic device, at the request.

18. (Previously Presented) The electronic device as recited in claim 12, wherein:

the server device stores a set of identifiers corresponding to access devices that are permitted to access the electronic device; and

the operation information is transmitted after the server matches an access device identifier sent by the access device to one of the stored identifiers of the set of stored identifiers.

19.-20. (Cancelled).

21. (Currently Amended) An information processing system comprising:

an electronic device;

an access device capable of accessing the electronic device via a connection to a communication network, the access device operable to request a ~~locator~~ electronic device access information of the electronic device from a server device identified by using a server identifier of the server device, the access device including a server

device identifier storage part operable to store the server identifier of the server device,

wherein the electronic device includes:

an address providing part which provides and registers electronic device access information to the server device at an arbitrary timing so that the electronic device access information stored in an access information management part of the server is updated to the latest;

an operation information storage part operable to store operation information including information to configure operation of the electronic device or another electronic device; and

an operation information transmission part operable to transmit the operation information at a request of the access device;

wherein the ~~locator~~electronic device access information of the electronic device is transmitted by the server device responsive to the access device being permitted to access the electronic device such that the operation information is transmitted by the operation information transmission part after the access device receives the ~~locator~~electronic device access information of the electronic device from the server device by the electronic device ~~access device~~ to the ~~electronic device access device~~ while bypassing the server device,

wherein the electronic device access information of the electronic device includes a dynamically changing global Internet protocol (IP) address.

22. (Currently Amended) The information processing system as claimed in claim 21, wherein the ~~locator~~electronic device access information of the electronic device further includes a ~~dynamically changing global Internet protocol (IP) address~~ and a port number.

23. (Currently Amended) The electronic device as recited in claim 12, wherein the ~~locator~~electronic device access information of the electronic device

~~further~~ includes a ~~dynamically changing global Internet protocol (IP) address and a~~ port number.

24. (Currently Amended) The information processing method as recited in claim 14, wherein the ~~locator~~ electronic device access information of the electronic device ~~further~~ includes a ~~dynamically changing global Internet protocol (IP) address and a~~ port number.

25. (New) The electronic device as claimed in claim 12, wherein:

the operation information storage part includes an operation screen information storage part which stores operation screen information to configure a screen for operating one of the electronic device and another electronic device;

the operation information transmission part transmits the operation screen information to the access device while bypassing the server device after the access device receives the electronic device access information of the electronic device from the server device;

the device operation information reception part includes a device operation screen information reception part which accepts device operation screen information transmitted from the access device while bypassing the server device; and

the device drive part operates based on the device operation information that

the device operation screen information reception part has accepted.

26. (New) The information processing method as recited in claim 14, wherein the operation information transmission step includes transmitting operation screen information that is information to configure a screen for operating one of the electronic device and another electronic device to the access device while bypassing the server device.

27. (New) The electronic device as recited in claim 21, wherein:

Application No.: 10/517,182
Amendment Dated: July 24, 2009
Reply to Office Action of: April 28, 2009

MAT-8637US

the operation information storage part includes an operation screen information storage part which stores operation screen information to configure a screen for operating one of the electronic device and another electronic device;

the operation information transmission part transmits the operation screen information to the access device while bypassing the server device after the access device receives the electronic device access information of the electronic device from the server device and a request has been received from the access device; and

the electronic device further includes a device operation information reception part including a device operation screen information reception part which accepts device operation screen information transmitted from the access device to the server device while bypassing the server device.